

National Emergency Training Center – Legend

Building	Building Name	USNG Geaddress
A	Student Dorms	0034 9653
B	Command Post Pub & Student Center	0036 9647
C	Student Check-in & Housing Offices/Dorms	0028 9644
D	O’Leary’s Emporium, Student Computer Lab (basement)	0041 9646
E	Main Auditorium & NETC Staff Offices	0044 9640
F	Dorms	0048 9643
G	National Fire Data Center	0053 9637
H	Gym, Swimming Pool, Offices	0056 9644
I	USFA Publications Center and Facilities Maintenance (MOSS)	0076 9640
J	NFA Auditorium/Classrooms	0061 9638
K	Student Cafeteria and EMI Classrooms	0055 9655
L	EMI Classrooms	0055 9661
M	EMI Classrooms & Computer Lab	0050 9661
N	Learning Resources Center (LRC), EMI/USFA Offices	0048 9648
-	National Fallen Firefighters Memorial (NFFM)	0058 9649
O	National Fallen Firefighters Memorial Chapel and Foundation Offices (NFFM)	0049 9653
P	Tom’s Cabin	0038 9605
Q	Barn	0086 9646
R	USFA Fire Protection Lab, National Fire Programs	0053 9634
S	Simulation Lab/IEMC Classrooms	0061 9649
T	Coolers	0058 9659
U	Burn Buildings	0067 9627
V	Campus Security	0047 9659

National SAR Committee

Georeferencing Matrix: Catastrophic Incident Search and Rescue (CIS)

Georeference System User	United States National Grid (USNG)	Latitude/Longitude DD-MM.mmm ¹	GARS ²
Land SAR Responder ³	Primary	Secondary	N/A
Aeronautical SAR Responders ⁴	Secondary	Primary	Tertiary
Air Space Deconfliction ⁵	N/A	Primary	N/A
Land SAR Responder/ Aeronautical SAR Responder Interface ⁶	Primary	Secondary	N/A
Incident Command: Air SAR Coordination Land SAR Coordination	Secondary Primary	Primary Secondary	N/A N/A
Area organization and accountability ⁷	Secondary	Tertiary	Primary

¹ During CIS operations (and to avoid confusion) Latitude and Longitude should be in one standard format: DD-MM.mmm. If required, use only 3 digits to the right of the decimal; 1 or 2 digits is acceptable. If required, allow 3 digits in the degrees field for longitude (i.e., DDD-MM.mmm). Do not use leading zeros to the left of the decimal for degrees or minutes that require fewer than the maximum number of possible digits to express their value. The minimum number of digits is always one, even if it is a zero. (Example: Not Recommended: 09-00.300N 004-02.450W; Recommended: 9-0.3N 4-2.45W).

² GARS: Global Area Reference System.

³ Land SAR Responders *must* use U.S. National Grid; however, a good familiarity with latitude and longitude is necessary to ensure effective interface between Land and Aeronautical SAR Responders.

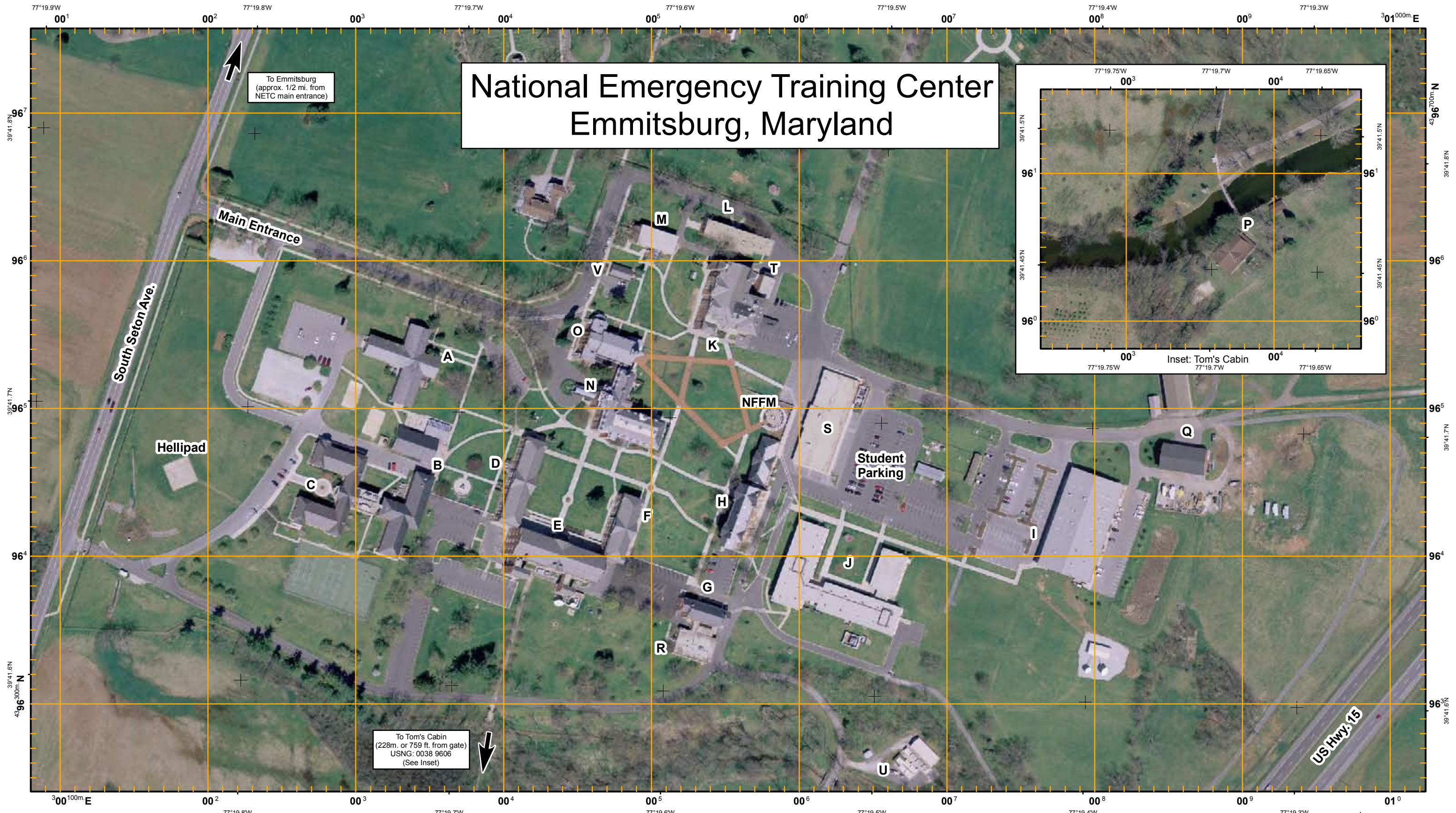
⁴ Aeronautical SAR Responders will use latitude and longitude for CIS response. However, aeronautical SAR responders that work directly with Land SAR responders should understand the U.S. National Grid system for effective Land SAR/Aeronautical SAR interface.

⁵ Air space deconfliction will *only* be implemented and managed using Latitude and Longitude.

⁶ *Aeronautical SAR Responders working with Land SAR Responders have the primary responsibility of coordinating SAR using USNG.* However both groups must become familiar with both georeference systems.

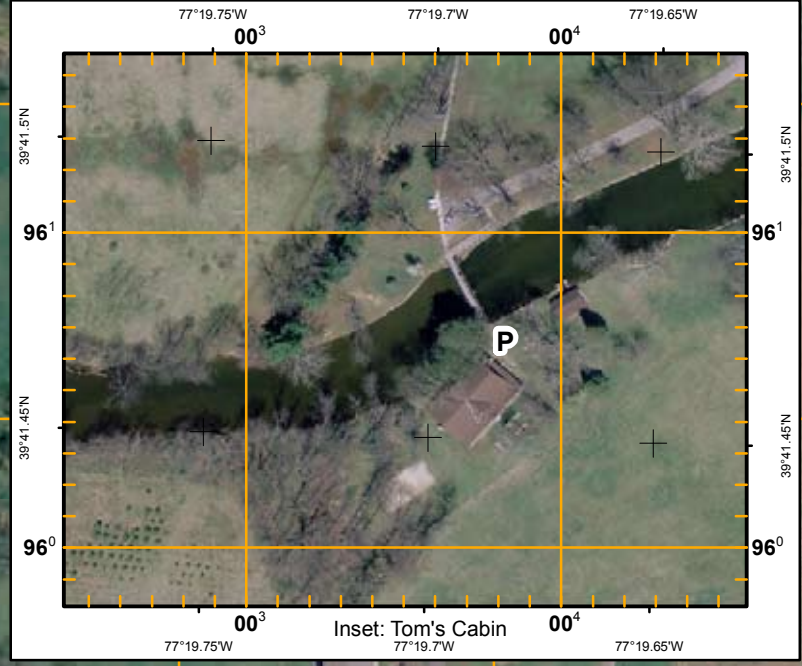
⁷ Describes the requirement for providing situational awareness of CIS operations geographically to federal, military, state, local and tribal leadership.

National Emergency Training Center Emmitsburg, Maryland



To Emmitsburg
(approx. 1/2 mi. from
NETC main entrance)

To Tom's Cabin
(228m. or 759 ft. from gate)
USNG: 0038 9606
(See Inset)



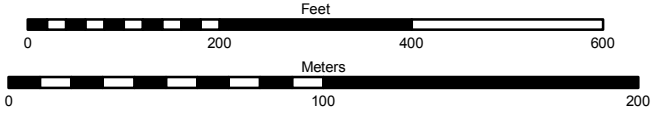
100-m GRID, US NATIONAL GRID
NORTH AMERICAN DATUM 1983
GRID ZONE DESIGNATION: 18S
100,000-m SQUARE IDENTIFICATION: UJ

U.S. National Grid
100,000-m Square ID
UJ
Grid Zone Designator
18S



FEMA

Scale: 1:2400 - 1 inch = 200 feet (print size 11" x 17")



Aerial orthophotography provided by Frederick County, MD.

This map was created using the FGDC Standard for the U.S. National Grid - FGDC-STD-011-2001
For additional information see <http://www.fgdc.gov/usng>



Minnesota Geospatial
Information Office

This US National Grid (USNG) demonstration map of the National Emergency Training Center (NETC) was created through a cooperative effort of DHS-FEMA, the MnGeo Emergency Preparedness Committee, Dakota County MN, and Delta State University MS.

Map created May, 2010.
Please report all errors or omissions to NETC - (301) 447-1000.

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH
ADD G-M-ANGLE
2010
G-M-ANGLE
1°29' (26 MILS)

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH
SUBTRACT G-M-ANGLE

UTM GRID AND
2010 MAGNETIC NORTH
DECLINATION AT
CENTER OF SHEET